## Abstract of the Disclosure

[30020678 US]

## Apparatus and Method for Generating Wander Noise

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A method generating wander noise includes predefining frequency, amplitude and phase values for each of a plurality of tones for various predefined frequency profiles. A digital noise signal having a particular profile can then be generated by a summation of a plurality of tones based on the predefined frequency, amplitude and phase values for each of the plurality of tones for the selected profile. The wander noise signal is then generated from the digital noise signal.